CLAIMS

What is claimed is:

1. A method of assembling components, comprising:

(a) providing a product having an aperture that is configurable in either a first configuration or a second configuration, the first and second configurations having different form factors;

(b) configuring the aperture of the product in one of the first and second configurations;

(c) configuring a bracket to match the configuration selected in step (b) such that the bracket has the form factor as the product; and

(d) mounting the configured bracket to the product such that the aperture is covered by the configured bracket.

2. The method of claim 1, wherein steps (b) and (c) comprise configuring the aperture and the bracket, respectively, to support either a low profile electronics card or a full height electronics card.

3. The method of claim 1, wherein step (c) comprises positioning a movable portion of the bracket relative to a base portion of the bracket.

4. The method of claim 3, wherein step (c) comprises folding the movable portion relative to the base portion.

5. The method of claim 3, wherein step (c) comprises positioning the movable portion in a co-planar position relative to the base portion in the first configuration and, in the second configuration , positioning the movable portion out of plane with respect to the base portion.

6. The method of claim 3, wherein step (c) comprises retaining the movable portion in either the first or second configuration with a retention feature.

7. A system for configuring a product, comprising:

an enclosure having an aperture that is configurable in either a first configuration or a second configuration, the first and second configurations having first and second form factors, respectively;

a plurality of electrical components mounted to the enclosure for performing computational functions in response to commands; and

a bracket mounted to the enclosure for covering the aperture, the bracket having a base portion and a movable portion that is movable relative to the base portion between an extended position such that the bracket is configured to cover the aperture in the first form factor, and a retracted position such that the bracket is configured to cover the aperture in the second form factor.

8. The system of claim 7, wherein the first configuration supports a low profile electronics card and the second configuration supports a full height electronics card.

9. The system of claim 7, wherein, in the extended position, the movable portion is co-planar with the base portion and, in the retracted position, the movable portion is out of plane with respect to the base portion.

10. The system of claim 7, wherein, in the first configuration, both the base portion and the movable portion cover the aperture, and, in the second configuration, the movable portion does not cover the aperture.

11. The system of claim 7, further comprising a hinge mounted to the base portion and the movable portion for enabling movement of the movable portion between the extended and retracted positions.

12. The system of claim 11, wherein, in the second configuration, the hinge partially covers the aperture.

13. The system of claim 7, further comprising a first flange on one end of the movable portion, and wherein an opposite end of the movable portion forms a second flange for the base portion when the movable portion is in the retracted position.

14. The system of claim 13, further comprising a hinge for enabling movement of the movable portion between the extended and retracted positions, and wherein a pivot axis of the hinge is located between the first flange and the opposite end.

15. The system of claim 7, further comprising a retention feature on the bracket for retaining the movable portion in either the extended position or the retracted position.

16. The system of claim 15, wherein the retention feature comprises a recess on the movable portion that is engaged by a protrusion on the base portion.

17. A bracket, comprising:

a base portion; and

a movable portion that is movable relative to the base portion between an extended position such that the bracket is configured in a first form factor, and a retracted position such that the bracket is configured in a second form factor;

wherein, in the extended position, the movable portion is co-planar with the base portion and, in the retracted position, the movable portion is out of plane with respect to the base portion.

18. The bracket of claim 17, further comprising a first flange on one end of the movable portion, and wherein an opposite end of the movable portion forms a second flange for the base portion when the movable portion is in the retracted position.

19. The bracket of claim 18, further comprising a hinge mounted to the base portion and the movable portion for enabling movement of the movable portion between the extended and retracted positions, wherein a pivot axis of the hinge is located between the first flange and the opposite end of the movable portion.

20. The bracket of claim 17, further comprising a retention feature on the bracket for retaining the movable portion in either the extended position or the retracted position.

21. The bracket of claim 20 wherein the retention feature comprises a recess on the movable portion that is engaged by a protrusion on the base portion.